



EPA Region 6



QUARTERLY REPORT

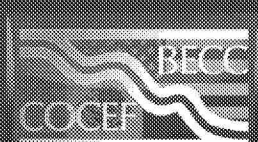
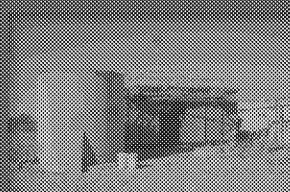
January – March 2017



US-MEXICO COOPERATIVE AGREEMENT
Implementation of Border 2020 Program
EPA-Region 6
X4-00F59501



Submitted by:
Javier Torres, Technical Assistance Manager



Comisión de Cooperación Ecológica Fronteriza
Border Environment Cooperation Commission

QUARTERLY STATUS REPORT

US-MEXICO COOPERATIVE AGREEMENT Implementation of Border 2020 Program EPA-Region 6

GRANT: X4-00F59501-3

Grant Period: Sep. 6, 2012 – Dec. 31, 2017

REPORTING PERIOD:

January - March 2017

TO:

Monica Wilson

U.S. EPA, Region 6 (6PD)

Environmental Protection Specialist

FROM:

Javier Torres

Border Environment Cooperation Commission

Technical Assistance Manager

April 30, 2017, Cd. Juárez, Chihuahua, México

US Mexico Border 2020 Environmental Program - Quarterly Grant Status Report

Grant Title:

US – Mexico Border Cooperative Agreement
Implementation of EPA Region-6 Border 2020 Program

Grant Agreement No.

X4-00F59501

Contact:

Primary Contact Name: **Javier Torres**
Organization: Border Environment Cooperation Commission
Telephone & Fax: 01-656-688-4600 Email: itorres@cocef.org

Reporting Period (please check appropriate period):

- ☐ January 1 – March 31, 2014, reporting period: report due on April 30, 2014
- ☐ April 1 – June 30, 2014, reporting period: report due on July 30, 2014
- ☐ July 1 – September 30, 2014, reporting period: report due on October 30, 2014
- ☐ October 1 – December 31, 2014, reporting period: report due on January 30, 2015
- ☐ January 1 – March 31, 2015, reporting period: report due on April 30, 2015
- ☐ April 1 – June 30, 2015, reporting period: report due on July 30, 2015
- ☐ July 1 – September 30, 2015, reporting period: report due on October 30, 2015
- ☐ October 1 – December 31, 2015, reporting period: report due on January 30, 2016
- ☐ January 1 – March 31, 2016, reporting period: report due on April 30, 2016
- ☐ April 1 – June 30, 2016, reporting period: report due on July 30, 2016
- ☐ July 1 – September 30, 2016, reporting period: report due on October 30, 2016
- ☐ October 1 – December 31, 2016, reporting period: report due on January 30, 2017
- ☒ January 1 – March 31, 2017, reporting period: report due on April 30, 2017
- ☐ April 1 – June 30, 2017, reporting period: report due on July 30, 2017
- ☐ July 1 – September 30, 2017, reporting period: report due on October 30, 2017
- ☐ October 1 – December 31, 2017, reporting period: report due on January 30, 2018

Check here if this is the final reporting period under your grant ____

Please explain any current or expected growth of your project. If there is growth potential, have you consulted with other partners for further or future leveraging of funds, for continuing the project after funding from the Environmental Protection Agency ends?

Not considered during this period.

Indicate the goal(s) and objective(s) of the Border 2020 Framework Document that this grant is addressing (<http://www.epa.gov/border2020>)

Goal #1: Reduce Air Pollution

- ☒ Continue to focus on air pollution reductions in binational airsheds
- ☒ By 2018, maintain effective air quality monitoring networks and timely access to air quality data
- ☒ Reduce greenhouse gas emissions through energy efficiency and alternatives or renewable energy projects

Goal #2: Improve Access to Clean and Safe Water

- ☒ By 2015, increase homes connected to safe drinking water (DW) and waste water (WW) treatment
- ☒ Help DW and WW utilities become more efficient and sustainable
- ☒ Reduce levels of metals, sediment, or bacteria entering rivers and watersheds

Goal #3: Promote Materials and Waste Management and Clean Sites

- ☒ Develop capacity to improve collection and recycling of e-waste, plastics, and trash
- ☒ Develop scrap tire pile prevention and recycling capacity
- ☒ Develop institutional capacity to clean up contaminated sites
- ☒ Continue to share information on border area hazardous waste facilities

Goal #4: Enhance Joint Preparedness for Environmental Response

- ☒ Update eight sister city joint contingency plans with risk identification and reduction of all hazards

☒ Facilitate easier trans-boundary movement of equipment and personnel

☒ Continue updating the U.S.-Mexico Joint Contingency Plan

Goal #5: Compliance Assurance and Environmental Stewardship

☒ Improve information sharing between enforcement agencies on the movement of hazardous waste across the border

☒ Use Toxics Release Inventory (in the U.S.) and the Emissions and Contaminant

☒ Transfer Registry (RETC, in Mexico) to identify top polluters of toxic releases

☒ Training and information exchange on laws and regulations of respective countries

Summary of approved Work Plan activities performed during the reporting quarter.

The Bioswale Material for South Texas Stormwater Management project concluded on March 2017. Results include that after monitoring rain fall from April 2015 to November 2016, of the five porous materials used in the different parking areas pumice is a hydrologically best performing material for the bioswale porous media.

Logistic support was provided for:

- New Mexico – Texas – Chihuahua Waste Task Force meeting, held on February 7, 2017 in Cd. Juarez, Chihuahua.
- New Mexico – Texas – Chihuahua Regional Workgroup Annual Meeting, held on February 14, 2017 in El Paso, Tx.
- Texas- Coahuila – Nuevo Leon – Tamaulipas Regional Workgroup Meeting, held on February 16, 2017 in Laredo, Tx.
- Paso Del Norte Binational Health Council-Environmental Health Committee held on March 22, 2017 in El Paso, Tx.
- Junta de los Rios (Texas – Chihuahua) Rural Task Force Meeting held on March 2, 2017 in Presidio TX
- New Mexico – Chihuahua Rural Task Force Annual Public Meeting held on March 30, 2017 in Palomas, Chih.
- New Mexico – Texas – Chihuahua Health Task Force Public Meeting held on March 30, 2017 in Las Cruces, NM.

Summary of the Work Plan performance outputs/outcomes achieved during the reporting quarter.

For more detailed information please review Attachment “A”

<p>Are you on track with your timeline? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/></p> <p>A description of problems encountered during the reporting quarter that may affect the project schedule and a discussion of meeting the performance outputs/outcomes.</p> <p>No problems have been reported.</p>
<p>Resolutions to Problems Previously Reported.</p> <p>No problems have been reported.</p>
<p>Activities Anticipated/Planned for Next Three Months and Budgeted Costs.</p> <p>An RFP is scheduled to be announced in May, Funds of this cooperative agreement are expected to fund selected projects.</p>
<p>Discuss what key personnel did on the project.</p> <p>Joaquin Marruffo provided overall project coordination as well as the communication with EPA. Briselda Duarte, Armando Herrerias and Jorge Hernandez coordinated and monitored work plan activities of the projects in coordination with EPA. Marielena Constandse prepared this report. Marielena Constandse, Abril Quiroz and Javier Torres provided internal contract and grant administration and grant administration coordination with EPA.</p>
<p>Discuss any changes in key personnel.</p> <p>None</p>
<p>Please name any significant partner organizations that you (as the lead organization) have for this project, who are taking responsibility for substantial portions of implementation.</p> <p>N/A</p>
<p>BUDGET SUMMARY - Include information on the expenditure of grant agreement funds during the quarter and cumulatively by task in the provided budget tables. The tasks should correspond to the tasks outlined in your approved grant agreement work plan and the tables may be expanded accordingly. In addition, include in your narrative an estimate of funds needed to complete the work required in the grant agreement compared to the funds remaining in the grant agreement. <i>Note: This section does not substitute for the annual financial status report (SF-269) required by the grant agreement.</i></p>

TABLE 1

Summary of Quarterly Expenses by Category (Report Period January 1 to March 31, 2017)

Work Plan Tasks	Approved Work Plan Budget	Previously Expended	Expenses this Quarter	Total Cumulative Expenses
Task A- Logistics	\$32,870	\$32,870	\$6,963.38	\$39,833
Task B- RFP	\$40,972	\$40,972	\$0	\$40,972
Task C- Projects	\$ 700,158	\$559,284	\$0	\$559,284
Task D- BECC Presence	\$ 29,636	\$23,087	\$5,489.99	\$28,577
Task E- Emergency Response	\$45,455	\$45,455	\$0	\$45,455
Indirect Cost	\$84,909	\$70,166	\$1,245.34	\$71,411
TOTAL Cumulative Expenses	\$934,00	\$771,833	\$13,698.71	\$785,532

TABLE 2

Budget Categories (programmatic costs only)	Task A- Logistics	Task B- RFP	Task C- Projects	Task D- BECC Presence	Task E- Emergency Response	TOTAL Quarterly Expenses
Personnel	\$0	\$0	\$0	\$3,381.34	\$0	\$3,381.34
Fringe Benefits	\$0	\$0	\$0	\$489.14	\$0	\$489.14
Travel	\$0	\$0	\$0	\$1,619.51	\$0	\$1,619.51
Contractual	\$6,963.38	\$0	\$0	\$0	\$0	\$6,963.38
Other (specify)	\$0	\$0	\$0	\$0	\$0	\$0
TOTAL Direct Charges	\$6,963.38	\$0	\$0	\$5,489.99	\$0	\$12,453.37
Indirect Costs	\$696.34	\$0	\$0	\$549.00	\$0	\$1,245.34
TOTAL Cumulative Expenses	\$7,659.72	\$0	\$0	\$6,038.99	\$0	\$13,698.71

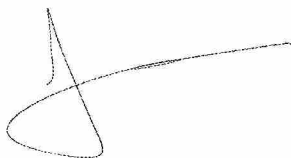
¹EPA defines equipment as items that cost \$5,000 or more with a useful life of more than one year. Items costing less than \$5,000 are considered supplies. ²Applicants must comply with the procurement procedures contained in 40 CFR 31.36, or for non-profits, with 40 CFR30.40.

What is the geographic scope of your project implementation? *(Include whether it is within the Tri-State and/or Four-State Region of Border 2020, whether implementation takes place in both the U.S. and Mexico, and any more specific implementation.)*

The geographic scope of this award covers the Tri-State Region, which includes the states of New Mexico, Chihuahua and the West Texas region; and the Four-State Region which includes the rest of Texas, Coahuila, Tamaulipas and Nuevo Leon.

I certify that this report is true and correct, project is on schedule except as noted, and funds are being utilized as planned and agreed to in the award document.

Signature of Project Official:



Printed Name:

Javier Torres

Title:

Technical Assistance Manager

Date:

April 30, 2017

Within 30 days following the end of each quarter, please submit this report to your EPA Project Officer.

ATTACHMENT “A”

THREE STATE (TX-CH-NM) BORDER 2020 - 2013 PROJECTS

NO.	PROJECT ID	B2020 GOAL	Name	Project Implementer	Project Location	State	PM	TAA signed	Amount Approved	STATUS
				Contact Information				Period Of Performance	Amount Disbursed	
1	20249	1	Mejoramiento de la Red de Monitoreo de PM10 en Ojinaga	Municipio de Ojinaga, Chihuahua	Ojinaga	CHIH	JH	4/15/2014	\$ 13,375.36	Project Status: This project concluded on September 2015. Some of the project significant contributions were: <ul style="list-style-type: none"> * A network of monitoring of PM10 fully functional. * Three training events for technical personnel * Development of a Communications Plan for air quality data through local media and information materials.
				Ing. Miguel Adame Baeza; moadameb@hotmail.com; (626)453-2541				17 months	\$ 13,375.36	
2	20260	2	Sustaining the Environment at the New Mexico-Chihuahua Border	New Mexico Environment Department	Columbus, Deming	NM	BD	11/4/2014	\$ 36,963.43	Project Status: This project concluded on December 2015. \$63,037 dls. were returned to the grant. Some of the project significant contributions were: <ul style="list-style-type: none"> * Completion of two presentations on health impacts and effective, low-cost methods for controlling blowing sand and soils. * Completion of four septic maintenance workshops * Organization of the largest-ever water festival held in Columbus, NM
				Ms. Mary Rose Mary.Rose@state.nm.us				13 months	\$ 36,963.43	
3	20240	2	Comunidades Unidas en Prevencion de la Contaminacion Ambiental	Adult Youth United Development Association INC	Montana Vista Cuadrilla Tornillo	TX	BD	5/1/2014	\$ 49,776.41	Project Status: This project concluded on September 2015. Some of the project significant contributions were: <ul style="list-style-type: none"> * Training program outreach: 2,332 people * Identification of septic tanks with GIS: 467 houses * Surveys conducted: 462 * Creation of mapping and database in Cuadrilla, Montana Vista, Tornillo, and Valle Bonito at El Paso County
				Olivia Figueroa Executive Director ayudaorg1@yahoo.com (915) 851-0272				16 months	\$ 49,776.41	
4	20262	3	Ysleta del Sur Pueblo Community Collection Center	Ysleta del Sur Pueblo	El Paso	TX	JH	10/1/2014	\$ 65,776.92	Project Status: Project finished on April 2015. The main results of the project were: <ul style="list-style-type: none"> * Collection of a total of 250 tires. * 10,800 pounds of electronic waste collected, 42.36 lbs per household during a 14 month period an estimate of 1.8 lbs per household per month. * 5,420 pounds of recyclables collected, 21.25 lbs per household in a 18 months period an estimate of 4.3 lbs per household per month.
				Evaristo Cruz; ecruz@ydsp-nm.gov; (915)859-7913 ext 7755				18 months	\$ 65,776.92	
5	20247	3	Reciclaje de Biosolidos en Suelos Agrícolas del Valle de Juarez, Chihuahua	Universidad Autónoma de Ciudad Juárez	Valle de Juárez	CHIH	JH	4/12/2014	\$ 28,329.78	Project Status: The Project was concluded on December 2015. Some of the project significant contributions were: <ul style="list-style-type: none"> The project established a sustainable program on agricultural use of biosolids, through 15 demonstration hectares. Important outputs are: <ul style="list-style-type: none"> * Establish a program promoting the adoption by farmers on the use of biosolids on agricultural land. * A list of volunteer farmers to continue the application of biosolids on 100 hectares in 2015 * Three field demonstrations, educational materials for 150 producers and agricultural technicians in the region.
				Dr. Juan Pedro Flores Margez Tels: 556-688-1800 ext. 1561, 1978 y 1621				19 months	\$ 28,329.78	
				Servicios Agropecuarios Paso del Norte, SC	Valle de Juárez	CHIH	JH	4/1/2014	\$ 8,408.38	
				Lic. Ana Irene Flores Arras				19 months	\$ 8,408.38	

6	20246	Environmental Health	Urban Keyhole Gardens using Rain Water Harvesting Techniques	El Paso Water Utilities	El Paso	TX	AH	4/7/2015	\$	6,120.05	Project Status: This project concluded on May 2015. Some of the project significant contributions were: 14 educational events, with a total of 956 attendees. The overall acceptance of the keyhole gardens, as a vegetable gardening option was well received by the public that attended the various workshops. Final report has been submitted and approved.
				Anai J. Padilla El Paso Water Utilities Phone: 915.621.2000 Email: ajpadilla@epwu.org			AQ	13 months	\$	6,120.08	
7	20250	Environmental Health	Estudio epidemiológico, asociado de enfermedades respiratorias y calidad de aire. Proyecto de comunicación de riesgo.	COMSPHS (Comisión Estatal para la Protección contra Riesgos Sanitarios en Ciudad Juárez)	El Paso	Chihuahua	AR		\$	42,975.00	Project Status: Cancelled
				DRP - Nancy Salazar-Munoz Tels: (256) 777-1515, 256-1001975, CEL: 256-1001722			AQ				

\$ 251,826.36
\$ 208,750.36

FOUR STATE (TX-COAH-NL-TAMPS) BORDER 2012 - 2013 PROJECTS

NO.	PROJECT ID	B2020 GOAL	Name	Project Implementer	Project Location	State	PM	TAA signed	Amount Approved	STATUS
				Contact Information				Period Of Performance	Amount Disbursed	
1	20241	1	Characterizing Drayage Activities and Emissions in Laredo-Nuevo Laredo Airshed	Texas A&M Transportation Institute (TTI)	Laredo	TX	JH	9/1/2014	\$ 89,750.00	Project Status: The project concluded on March 2016. Some of the project significant contributions were: Important air quality impacts of drayage trucks in the region, specifically, the results show that the Colombia bridge crossing is the most utilized port of entry in the region, and is associated with relatively high emissions caused by high truck volumes and slow speeds, therefore high emissions adjacent to urban area of both Laredos.
				Farzaneh, Reza Research Engineer m-farzaneh@tamu.edu (512) 407-1118				18 months	\$ 89,750.00	
2	20258	2	Determining the Ideal Bioswale Material for South Texas Stormwater Management	The University of Texas Pan American	Edinburgh	TX	AH	12/1/2014	\$ 26,022.00	Project Status: The Bioswale Material for South Texas Stormwater Management project concluded on March 2017. Results include that after monitoring rain fall from April 2015 to November 2016, of the five porous materials used in the different parking areas pumice is a hydrologically best performing material for the bioswale porous media.
				Jungsok Ho, Ph.D., P.E. (956) 665-3104, hoj@utpa.edu				24 months	\$ 23,434.15	
3	20245	2	Conservación del Atroyo las Vacas en Ciudad Acuña, Coahuila, México	SECRETARÍA DE MEDIO AMBIENTE DEL ESTADO DE COAHUILA	Acuña	COAH	BD	7/14/2014	\$ 34,605.92	Project Status: The project concluded on May 2016. Some of the project significant contributions are: a) Binational group created among SEMA Coahuila, TCEQ, Acuña City, Tec of Acuña, CILA, IBWC, UT Austin CONANP. b) Diagnostic Report with inventory data of existing vegetation and species along the 26km of the Acuña river, GIS maps accessible to the public. c) Close out of 35 wastewater illegal dumping sites in 2015. d) Reforestation with 225 native trees. e) Binational workshop on water quality with Tecnológico de Acuña and Texas A&M at Austin.
				Alejandra Carrera alejandra.carrera@sema.gob.mx (844) 4100014				22 months	\$ 34,605.92	
4	20246	3	Diagnóstico de generación de residuos en la región fronteriza noreste	Secretaría de Desarrollo Sustentable, Gobierno del Estado de Nuevo León	Sabinas Hidalgo, NL	NL	JH	4/1/2014	\$ 17,457.39	Project Status: This project concluded on August 2015. Some of the project significant contributions were: * Characterization of waste in the municipality * Generation of a manual on handling e-waste. * Action plan developed
				Lic. Norma Rangel Sevilla, normarangel@gmail.com; (81)2033-1938				18 months	\$ 17,457.39	
5	20243	3	Keeping Pharr Beautiful Starts at Home	City of Pharr, Public Works Department	Pharr	TX	AH	4/7/2014	\$ 19,830.86	Project Status: This project concluded on December 2015. Some of the project significant contributions were: * The reduction in illegal dumping cases from 350 in 2013 to 300 in 2014. * The number of tires collected by city workers decreased from 4,991 in 2013 to 4,520 in 2014.
				Grace Segovia, M.A. City of Pharr, Public Works Department Phone: (956) 402-4360 grace.segovia@pharr-tx.gov				20 months	\$ 19,830.86	

6	20255	3	Alamo Recycling TEAM Includes Everyone (ARTIE)	City of Alamo	Alamo	TX	AH	4/21/2014	\$	54,833.00	Project Status: Project concluded on May 2016. Some of the significant project contributions are: 1. Development and implementation of a proven sanitation model that can be easily replicated in other drains in Mexicali and other border cities. 2. Established the governance structure for the implementation of this model in other drains in Mexicali that ensures continued collaboration and coordination among government agencies, non-governmental organizations, and community groups. 3. Community members along the International Drain believe, once again, that illegal dumping in the drain can be eliminated.
				Melisa Gonzales Storm Water Manager Phone: 956-787-0006 x 140 mgonzales@alamotexas.org			AQ	24 months	\$	54,836.16	
7	20253	3	Manejo, Gestión y Control de Grasas y Aceites	Comisión Municipal de Agua Potable y Alcantarillado	Nuevo Laredo	TAMPS	BD	6/1/2014	\$	6,497.10	Project Status: This project concluded on February 2016. Some of the project significant contributions were: 449 establishments trained, giving them the necessary tools to establish procedures in its companies to raise their compliance, to strengthen the compromise among employees, creating a synergy with the operator body. 54 of these establishments will continue to be monitor by COMAPA to ensure environmental compliance and 13 establishments set up fat and oils traps. 88% of visited users comply with established procedures and are implementing the strategies presented in the workshops.
				Marisela Flores floresmarisela@hotmail.com (967) 712-5399			MC	17 months	\$	6,497.10	
8	20252	Environmental Health	Promotora-Led Environmental Health Education for Children	La Amistad AHEC / Southwest Border AHEC	Eagle Pass	TX	AH	6/16/2014	\$	69,083.50	Project Status: Project concluded on May 2016. Some of the significant project contributions are: 1. Development and implementation of a proven Sanitation Model that can be successfully replicated in other drains in Mexicali and other border cities. 2. Established the governance structure for the implementation of this model in other drains in Mexicali that ensures continued collaboration and coordination among government agencies, non-governmental organizations, and community groups. 3. Community members along the International Drain believe, once again, that illegal dumping in the drain can be eliminated.
				Rose Martinez 830.758.1111 rose.martinez@swbafec.org			MC	17 months	\$	69,083.50	
9	20251	Environmental Health	Planeación de un Modelo de Información de la frontera Texas/México	El Colegio de la Frontera Norte, A.C.	Piedras Negras	COAH	BD	5/15/2014	\$	19,380.15	Project Status: The project concluded on April 2016. Some of the project significant contributions are: a) Identification of agencies who manage health information in the region. b) Organization of a working group to discuss the information on environment and health, among TCEQ, COLEF, SEMA Coahuila, Texas A&M McAllen Campus. c) MOU agreement between Colef and SEMA Coahuila to share health information and define health indicators. d) Diagnostic report with the identification of sources of environmental information with health associated diseases.
				Dr. Felipe Javier Uribe Salas Tel. (878) 782 7207			MC	18 months	\$	19,380.15	
				Texas A&M HSC			BD	5/15/2014	\$	15,658.30	
				Dr. Genny Carrillo Phone: 956.868.6321 gcarrillo@tamhsc.edu			MC	18 months	\$	15,658.30	

10	20270	Environmental Health	McAllen Mission-Pharr/Reynosa Hazards in Transportation Binational Training and Exercise.	City of McAllen	McAllen	TX	BD	4/24/2015	\$ 45,455.00	Project Status: This Project concluded on December 2015. Some of the project significant contributions were: * Update of the Regional Sister City Plan e-directory * Training on HAZMAT response on international border crossing on Sept. 2015.
				Juan Gloria 2540 (956)581- jgloria@mcallen.net			MC	8 months	\$ 45,455.00	

\$ 398,578.22

Updated March 31, 2017

\$ 395,898.53

Total Approved \$ 650,404.58

Total Disbursed \$ 604,648.89